Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 24 Aug 2020 until 23:59 on Tuesday 25 Aug 2020

Forecast Issued on Monday 24 Aug 2020 at 02:20

Confidence: High throughout, but moderate in extent of showers during Monday morning.

Headline for Monday 24 Aug 2020: Mainly dry and bright, with the risk of a few showers.

Mountain weather hazards on Monday 24 Aug 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability					
30%	10%	10%	<05%	00%	00%

Forecast for Monday 24 Aug 2020

Weather: Clear spells through the early hours of Monday, but low cloud will give some fog over the summits. A few showers may develop in the south of the park by dawn, but these will clear away to leave a mostly fine day with sunny spells. Winds will be light and skies will become largely sunny through the evening leading to a clear start to the night.

Chance of cloud free mountain/hill tops above 600m: 30-50% until 12:00, with a gradual improvement. Thereafter, 100%

Visibility: Generally excellent (30km) with far reaching ridges visible with detailed clarity. Showers through the morning may temporarily lower the visibility to between 5000m and 8km, reducing clarity on nearby ridges. Visibility on summits will be <100m when cloudy.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 24 Aug 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/20 W	14/19 W	13/19 W	11/16 W	6/8 W	7/9 SE	13/19 SE
300	11/16 W	11/16 W	11/15 W	9/13 W	3/6 W	5/7 SE	9/18 E
Valley	8/16 W	9/16 W	8/15 W	8/14 W	3/6 W	5/7 E	7/16 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	9/6	11/8	12/10	12/11	11/9	11/8
300	11/9	12/10	14/12	15/13	14/14	13/12	13/11
Valley	12/10	13/12	15/13	16/14	15/15	12/11	13/12
Freezing Level*	2000m	2000m	2000m	2100m	2000m	2100m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sunshine is still strong in August, so sun cream will be essential with high UV expected.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 24 Aug 2020	5.8mm	12.8mm	23.8mm

Forecast for Tuesday 25 Aug 2020

Weather: Clear at first, but quickly becoming wet and very windy through the early hours of Tuesday, with outbreaks of heavy and persistent rain combined with gales lasting throughout.

Maximum wind: Southeasterly 20-25mph, gusting 30-35mph, strengthening through the morning to 30-35mph, gusting 45-50mph. Winds will ease again through Tuesday night to blow from the northwest 15-20mph, gusting 25-30mph.

Chance of cloud free mountain/hill tops above 600m: Generally 0-10% throughout with very limited breaks in the cloud over the summits.

Visibility: Often poor throughout with visibilities of 2000-5000m in rain and drizzle and <100m in fog caused by low cloud.

Temperature: **Valleys:** Plus 12 Celsius, rising to Plus 16 Celsius.
At 600m: Plus 10 Celsius, rising to Plus 13 Celsius.
Freezing level: Above summits.

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